

ABSTRACT

A system and method of controlling transmit power for mobile wireless devices with multi-mode operation of antenna are disclosed. A radio control system in a communication device is disclosed, the radio control system comprising: (a) a sensor capable of detecting a change in use mode of said device; (b) a power controller connected to said sensor to determine a power configuration based on the use mode; and (c) a power regulator connected to said power controller to apply the power configuration to a transmitted signal. A method of controlling a power configuration in a communication device is disclosed, comprising the steps of: (a) detecting a use mode; (b) changing the power configuration as a function of the use mode; and (c) communicating at the changed power configuration. A radio control system in a communication device is disclosed, comprising: (a) a sensor capable of detecting a change in use mode of said device; (b) a radio controller connected to said sensor to determine a radio configuration based on the use mode; and (c) a radio configuration module connected to said radio controller to apply the radio configuration to the transmitted signal.